

Comparisons of Job Characteristics

Focus Occupation: Operations Research Analysts (15-2031)

Associated Occupation: Management Analysts (13-1111)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 23

Focus Occupation: Operations Research Analysts (15-2031)

Associated Occupation: Management Analysts (13-1111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	19.6	4.6	<<	Extensive education and/or training may be required
Administration and Management	8.4	16.2	11.9	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	14.2	4.9	<<	Extensive education and/or training may be required
Clerical	7.3	13.8	4.9	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	10.9	6.2	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	9.0	8.0	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Operations Research Analysts (15-2031)

Associated Occupation: Management Analysts (13-1111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Judgment and Decision Making	9.4	12.5	14.2	>	Skill level is likely sufficient
Complex Problem Solving	9.1	12.3	15.4	>	Skill level is likely sufficient
Monitoring	9.9	12.0	9.2	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	11.4	14.5	>>	Skill level is likely more than sufficient
Systems Evaluation	6.4	11.4	15.1	>>	Skill level is likely more than sufficient

Operations Analysis	5.0	11.3	13.5	>	Skill level is likely sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Operations Research Analysts (15-2031) Associated Occupation: Management Analysts (13-1111)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	16.2	13.9	<	Some improvement in abilities may be required
Oral Comprehension	12.5	15.9	13.9	<	Some improvement in abilities may be required
Written Comprehension	11.0	15.4	15.7	0	Current ability level may be sufficient
Written Expression	9.8	15.0	14.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	14.7	14.2	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.2	15.0	0	Current ability level may be sufficient
Information Ordering	9.9	12.2	11.6	0	Current ability level may be sufficient
Fluency of Ideas	7.6	10.1	13.3	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 65
Focus Occupation: Operations Research Analysts (15-2031) Associated Occupation: Management Analysts (13-1111)		
Work Activities	Exclusivity of Activity	
Analyze operational or management reports or records	62	
Communicate technical information	4	
Develop records management system	76	
Obtain information from individuals	24	
Prepare reports	8	
Prepare reports for management	72	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 88
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Focus Occupation: Operations Research Analysts (15-2031)
Associated Occupation: Management Analysts (13-1111)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.